WORKING PLAN FOR UNU-BIOLAC FELLOW CANDIDATES 2024

**(Please fill out in English only)**

Applicants for the *2024 UNU-BIOLAC Fellowships Competitive Open Call* should be active graduate students or researchers prepared and committed to receive advanced training in Biotechnology *sensu stricto* in high-quality research centers.

UNU-BIOLAC is encouraging fellow candidates to delve into the many facets of Biotechnology as a mean to solve problems of scientific nature or to generate biotechnological solutions/products derived from basic or applied research.

Our Programme manages limited resources, which oblige us to exert careful and thoughtful selection of the best candidates in order to train the potentially best biotechnologists of our region that thus will be able to promote Biotechnology as a tool of social change, scientific advancement and professional and personal growth. We expect that our selected fellows will multiply the fruits of this activity through a transferring-by-education activity related to the new acquired knowledge or capability derived from this internship.

**IMPORTANT:** For the work developed at BIOLAC, and that promoted elsewhere by the Programme, *Biotechnology can be defined as the field of* *applied knowledge that arises from the intersection between basic biological sciences and technical and technological innovations in order to use organisms, their parts or their native processes to create something new that fulfil the previously perceived need that stimulated its creation*. Biotechnology can give rise to a tool that, employed later, can be used to produce a good or service, or it can directly be one of the latter two.

Generally speaking, modern Biotechnology also requires applying scientific knowledge to understand why the processes and the organisms it creates work the way they do. Almost always, Biotechnology opens doors to improve itself or create a novelty capable and prone to originate additional ones.

**Therefore, biotechnology requires living organisms, their parts and processes, together with the intention and knowledge of factual evidence that gives the entire process a truly human nature, to give reality a novelty that could not occur or arise without human intervention.**

**Some examples of what is not Biotechnology**

* Traditional Agriculture or Animal Husbandry and related fields
* Basic science
* Religion and/or political activism
* Alternative paradigms that rely on the use of rituals, stones, animals or other elements of the natural world with the intent of manipulating the perception and/or interpretation of reality

For a helpful discussion on the matter, you might like to visit <https://iubmb.onlinelibrary.wiley.com/doi/full/10.1002/bmb.2004.494032040375>, where the following article (and access to many others) is granted:

**Dahms, A.S.** (2004), Biotechnology: What it is, what it is not, and the challenges in reaching a national or global consensus. *Biochem. Mol. Biol. Educ*., 32: 271-278. <https://doi.org/10.1002/bmb.2004.494032040375>

Please provide the following information:

* **Name of the Fellow applicant**
* **Dates of the Fellowship**
* **Fellow applicant’s e-mail**
* **Fellow Facebook user**
* **Fellow Twitter user**
* **Name of host tutor**
* **Host tutor’s e-mail**
* **How did you contact your host tutor**
* **Host tutor e-mail**
* **Name of Local Supervisor**
* **Local Supervisor’s e-mail**

Complete your proposal by carefully selecting the most informative and accurate answer for each of the following:

1. **Training Title**
2. **Training Dates**
3. **Training General Objective**
4. **Specific Objectives**
5. **Summary of the research activities of the internship**
6. **Justification of the research activities of the internship**
7. **Activities to be developed during the internship**
8. **Overall Methodological Strategy**
9. **Working plan timeline (a well-designed Table will suffice)**
10. **Annex, if indispensable**

To be complete, your application must be accompanied by:

Acceptance Letter from Host Institution signed by Host tutor

Fellow CV

Supervisor and host tutor CVs

Recommendation letter from Local Supervisor

Completed “Working plan for Fellow Member Candidate”

Fellow candidate photo

Vendor Form from Host Institution**\***

Fellow’s Vendor Form**\***

Conditions acceptance of grant by Director of the applicant's institution (FAF\_Doc\_7) Signed and stamped